

REMARKS

An interview with the examiner on October 25, 2005, included a discussion of the distinctions of the claimed invention compared with Acharya's and Burwell's methods. As discussed in the interview, the applied art is not understood to disclose or to suggest that the switching device receives data packets generated from the data frame and that error checking begins while the switching device receives the data packets generated from the data frame.

As discussed, on page 4 of the Office Action the examiner states that Acharya does not disclose checking message data for errors. Burwell was cited for its disclosure of checking message data for errors. Burwell, however, does not disclose or suggest that error checking begins while the switching device receives data packets generated from the data frame as recited in claims 17 and 28. In contrast, in Burwell the error checking occurs after the data packets generated from a particular data frame have been received by the switching device. For example, in FIG. 7, Burwell shows the receipt of ATM cells (arrow on the left) and subsequent reassembly by the ReAssembler 44. The reassembly, therefore, occurs prior to further processing and error checking by Quad MAC 46 and QMAC DMA 50.

The examiner indicated that claims would likely be patentable. The applicant asks that all claims be allowed.

Each of the dependent claims is also believed to define patentable features of the invention. Each dependent claim partakes of the novelty of its corresponding independent claim and, as such, has not been discussed specifically herein.

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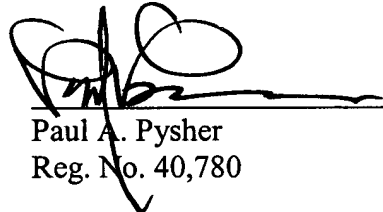
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056US1 / 1997P01986WOUS

The fact that the applicant has addressed certain comments of the examiner does not mean that the applicant concedes any positions of the examiner. The fact that the applicant has asserted certain grounds for the patentability of a claim does not mean that there are not other good grounds for patentability of that claim or other claims.

Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: October 26, 2005


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